Receipt date: 01/17/2009 PE

10582222pt@**&U**@17695

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMER Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control nu<u>mber</u>

Substitute for form PA49/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: January 17, 2007

(use as many sheets as necessary) Sheet

Complete if Known				
Application Number	10/582,222			
Filing Date	06/08/2006			
First Named Inventor	Atsushi OHMA			
Art Unit	Unassigned			
Examiner Name	Unassigned			
Attorney Docket Number	040356-0591			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
	No.1	Number-Kind Code <sup>2</sup> (if known)			Passages or Relevant Figures Appear	
	A1	2003/0077501 A1	04-24-2003	KNIGHTS ET AL.		
			1			

FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document		N	Pages, Columns, Lines, Where	
	Cite No. <sup>1</sup>	Country Code <sup>9</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Relevant Passages or Relevant Figures Appear	T <sub>e</sub>
	A2	JP 2001-118588 A	04-27-2001	FUJI ELECTRIC CO., LTD.		Abst.
	A3	JP 2003-132911 A	05-09-2003	TOYOTA MOTOR CORP.		Abst.
	A4	JP 10-134833 A	05-22-1998	MURA TA MFG CO., LTD.		Abst.
	A5	EP 1 239 530 A2	09-11-2002	HONDA GIKEN KOGYO KABUSHIKI KAISHA		
	A6	JP 63-248073 A	10-14-1988	FUJI ELECTRIC CO., LTD.		Abst.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	aminer Cite item (book magazine journal social symposium catalog etc.) date nage(s) volume issue number				
		·			

Examiner Signature	/Stephen Yanchuk/	Date Considered	11/08/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant: a Include copy of this form with next communication to applicant to documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.